

**In the Claims**

Please replace all pending claims with the following clean set of claims.

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1. (Amended) A pharmaceutical carrier device comprising a layered flexible film having a first water-erodable adhesive layer to be placed in contact with a mucosal surface, a second, water-erodable non-adhesive backing layer, and optionally a pharmaceutical incorporated with said first layer, said second layer, or both layers, wherein said first water-erodable adhesive layer comprises a film-forming polymer and a bioadhesive polymer, and wherein said second water-erodable non-adhesive backing layer comprises a film-forming polymer.

2. The pharmaceutical carrier device of claim 1, wherein said first water-erodable layer comprises an alkyl cellulose or hydroxyalkyl cellulose and a bioadhesive polymer.

3. The pharmaceutical carrier device of claim 1, wherein said first water-erodable adhesive layer comprises a film forming polymer selected from hydroxyethyl cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, hydroxyethyl methyl cellulose, polyvinyl alcohol, polyethylene glycol, polyethylene oxide, ethylene oxide-propylene oxide co-polymers, collagen and derivatives, gelatin, albumin, polyaminoacids and derivatives, polyphosphazenes, polysaccharides and derivatives, or chitin and chitosan, alone or in combination, and a bioadhesive polymer selected from polyacrylic acid, polyvinyl pyrrolidone, or sodium carboxymethyl cellulose, alone or in combination.

4. The pharmaceutical carrier device of claim 1, wherein said second water-erodable non-adhesive backing layer comprises hydroxyethyl cellulose, hydroxypropyl cellulose, hydroxyethylmethyl cellulose, hydroxypropylmethyl cellulose, polyvinyl alcohol, polyethylene glycol, polyethylene oxide, or ethylene oxide-propylene oxide co-polymers, alone or in combination.

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5. (Amended) The pharmaceutical device of claim 1, wherein a pharmaceutical is incorporated with said first water-erodable adhesive layer.

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6. The pharmaceutical device of claim 1, wherein said layered film has two layers and a total thickness of from 0.1 mm to 1 mm.

7. The pharmaceutical device of claim 1 which further comprises a third layer between said first adhesive layer and said second backing layer and wherein said third layer is a water-erodable, adhesive layer which has a surface area sufficient to encompass said first adhesive layer and contact the mucosal surface.

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8. (Amended) The pharmaceutical device of claim 7, wherein a pharmaceutical is incorporated with said first adhesive layer.

9. The pharmaceutical device of claim 1, wherein one or more of the layers further comprises a component which acts to adjust the kinetics of the erodability of the device.

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10. (Amended) The pharmaceutical device of claim 9 wherein the component is a water-based emulsion of polylactide, polyglycolide, lactide-glycolide copolymers, poly-ε-caprolactone, polyorthoesters, polyanhydrides, ethyl cellulose, vinyl acetate, cellulose acetate, or polyisobutylene, alone or in combination.

11. The pharmaceutical device of claim 9 wherein the component is alkyl-glycol, propylene glycol, polyethyleneglycol, oleate, sebacate, stearate or esters of glycerol, or phthalate.

12. The pharmaceutical device of claim 7, wherein one or more of the layers further comprises a component which acts to adjust the kinetics of the erodability of the device.

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13. (Amended) The pharmaceutical device of claim 12 wherein the component is a water-based emulsion of polylactide, polyglycolide, lactide-glycolide copolymers, poly-ε-caprolactone, polyorthoesters, polyanhydrides, ethyl cellulose, vinyl acetate, cellulose acetate, or polyisobutylene, alone or in combination.

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14. The pharmaceutical device of claim 12 wherein the component is alkyl-glycol, propylene glycol, polyethyleneglycol, oleate, sebacate, stearate or esters of glycerol, or phthalate.

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15. (Amended) The pharmaceutical device of claim 1, wherein said pharmaceutical incorporated within said first layer, said second layer, or both layers comprises an anti-inflammatory analgesic agent, a steroidal anti-inflammatory agent, an antihistamine, a local anesthetic, a bactericide, a disinfectant, a vasoconstrictor, a hemostatic, a chemotherapeutic drug, an antibiotic, a keratolytic, a cauterizing agent, an antiviral, an antirheumatic, an antihypertensive, a bronchodilator, an anticholinergic, an antiemetic, a hormone, a macromolecule, a peptide, a protein, or a vaccine alone or in combination.

16. (Amended) The pharmaceutical device of claim 1, wherein said first water-erodable adhesive layer comprises hydroxypropyl cellulose, hydroxyethyl cellulose, polyacrylic acid, and sodium carboxymethyl cellulose; said second water-erodable non-adhesive backing layer comprises hydroxyethyl cellulose and hydroxypropyl cellulose; and wherein said pharmaceutical comprises dyclonine HCl.

17. (Amended) A layered flexible film disk which adheres to mucosal surfaces for the localized delivery of pharmaceutical, comprising a first adhesive layer and a second non-adhesive backing layer, wherein said pharmaceutical or combination of pharmaceuticals is incorporated with said first adhesive layer, or said second non-adhesive backing layer, or both said first adhesive layer and said second non-adhesive backing layer, and wherein said first water-erodable adhesive layer comprises a film-forming polymer and a bioadhesive polymer, and wherein said second water-erodable non-adhesive backing layer comprises a film-forming polymer, said layered flexible film having a total thickness of from 0.1 mm to 1 mm.